

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034697.D
 Acq On : 20 Sep 2019 18:29
 Operator : JC/SP
 Sample : K4948-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDR3

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 9:33:10 AM

Quant Time: Sep 21 05:05:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 02:29:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	490814	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	466167	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	209855	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	199652	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.46%
7) Chloroethane-d5	1.67	69	168776	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.92%
11) 1,1-Dichloroethene-d2	2.26	63	278169	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.38%
21) 2-Butanone-d5	4.15	46	406856	105.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.65%
24) Chloroform-d	4.62	84	348784	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
26) 1,2-Dichloroethane-d4	5.29	65	246668	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
32) Benzene-d6	5.32	84	679191	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
36) 1,2-Dichloropropane-d6	6.31	67	244418	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	7.54	98	636433	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.83	79	111695	46.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.36%
47) 2-Hexanone-d5	8.29	63	259025	102.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	325975	46.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.04%
64) 1,2-Dichlorobenzene-d4	11.84	152	211632	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	6734m	1.640	ug/L
46) Tetrachloroethene	8.21	164	5104m	1.817	ug/L

(#) = qualifier out of range (m) = manual integration (+) = signals summed

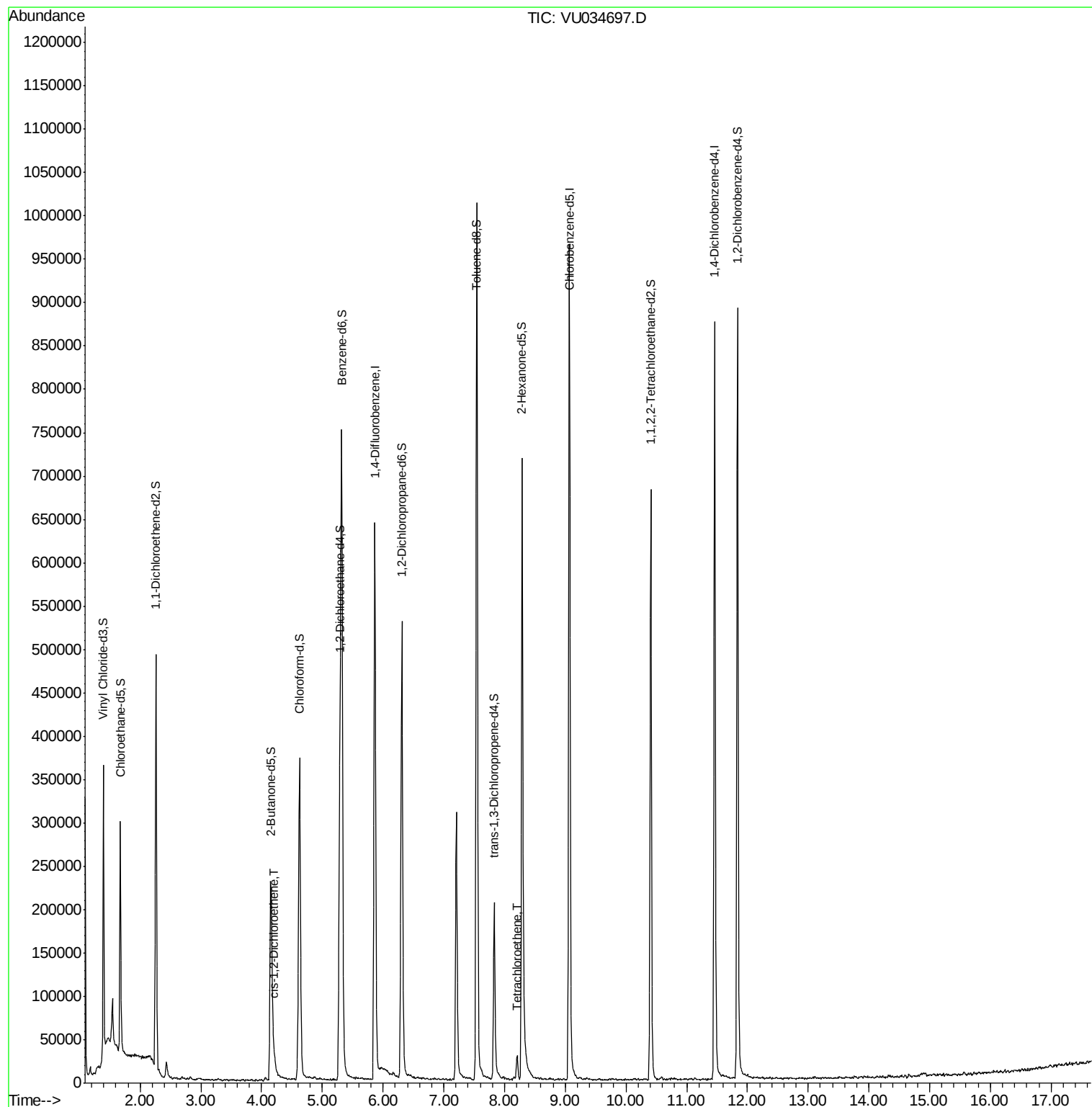
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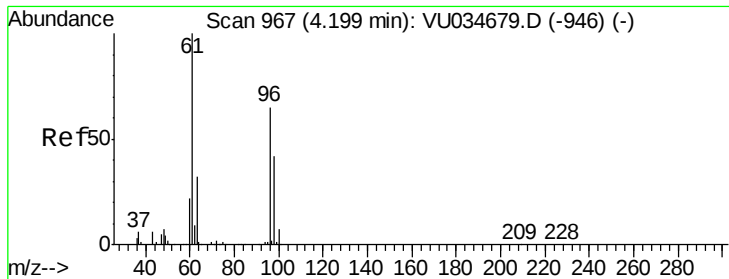
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#20

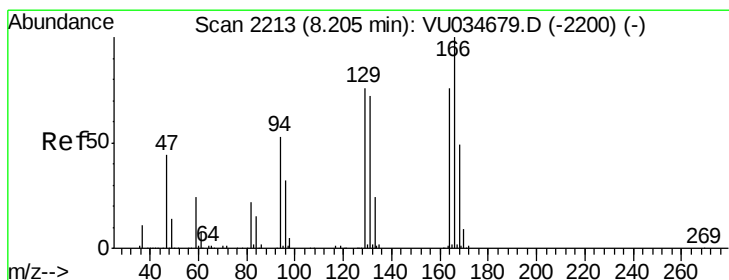
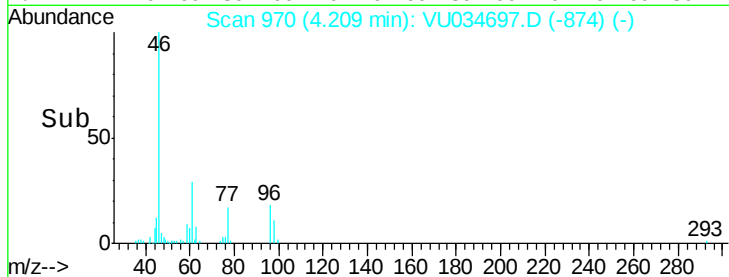
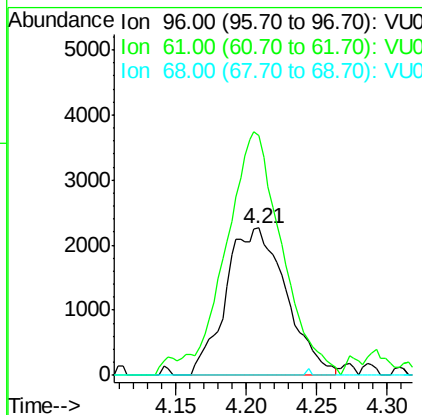
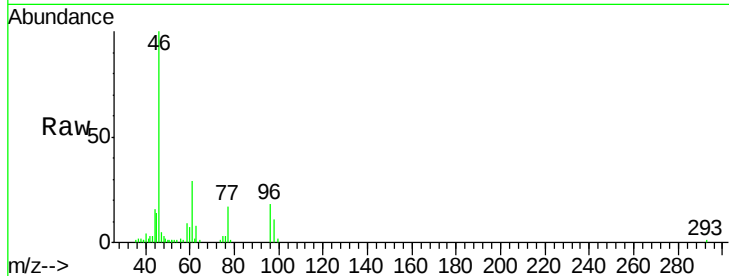
cis-1,2-Dichloroethene
 Concen: 1.640 ug/L m
 RT: 4.21 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: VU034697.D
 Acq: 20 Sep 2019 18:29

Instrument :
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 BEDR3

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.4	108.8	202.2
68	0.0	0.0	0.0

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#46

Tetrachloroethene
 Concen: 1.817 ug/L m
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VU034697.D
 Acq: 20 Sep 2019 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
129	123.5	71.9	133.5
131	123.5	66.3	123.1#
166	154.6	93.4	173.6

